## DESIGNS FOR NON-CONTACT LASER CAPTURE MICRODISSECTION ABSTRACT OF THE DISCLOSURE

An apparatus and process for the micro juxtaposition is set forth where a selectively activatable surface is maintained spaced apart from the tissue sample and juxtaposed to the tissue sample by activation. In the typical case, activation occurs by laser radiation with the material of the activatable surface thermally expanding and bringing about the desired micro juxtaposition. The disclosed micro juxtapositioning can cause locally and microscopically pressure on tissue sample, insertion to the tissue sample, or contact of an activated or prepared surface to the tissue sample.

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